

Abstract of the Disclosure

Methods for processing print jobs include flagging, or not, to-be-printed objects having PDL-specified math or logic functions requiring hard processing operations, such as two or more inputs. The math or logic functions preferably reside in ink attributes of display list objects corresponding to the to-be-printed objects. To-be-printed pages of the print job become divided into bands. Bands with to-be-printed objects therein have band display lists constructed in the event the to-be-printed objects become flagged. On a band-by-band basis, if bands have band display lists flagged with hard processing operations, contone bands become constructed. The contone bands result from color information blending between overlapping pixels of to-be-printed objects or an object and a contone page. A contone page includes color information of the to-be-printed page in a first color space. To-be-printed objects are rendered in a second color space in device specific page(s) of memory.